

examples, but scarcely differ otherwise; in each the elytra have two discal punctures.

11. *N. semiopacus* Esch.

The finely very numerous striate front and opaque sutural and lateral intervals of the elytra make the recognition of this species at once easy and certain. The head is barely as wide as the prothorax, the latter less narrowed behind than usual, the sides subangulate in front and nearly straight posteriorly; elytral striae fine, dorsal punctures usually three, rarely two or four, frequently with a dull luteous lateral vitta, which may be entire, or distinct only toward the apex.

Occurs in Oregon and California, all specimens but one known to me being from the latter state. The following Californian localities are represented: San Diego, Poway and Lampson's Flat (Middle Sierras, 1800 ft.)—(Blaisdell); Pomona, Pasadena, San Bernardino (Fenyès) and Catalina Island (Fenyès).

The following bibliography is not complete, but contains, I think, all useful references.

BIBLIOGRAPHY AND SYNONYMY.

Notiophilus Dumeril.

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